



Third West Air Monitor Result

Shepherd, Michael

to:

Joyce Ackerman, 'Craig Barnitz (cbarnitz@utah.gov)'

03/30/2012 01:22 PM

Hide Details

From: "Shepherd, Michael" <Michael.Shepherd@PacifiCorp.com>

To: Joyce Ackerman/R8/USEPA/US@EPA, "'Craig Bamitz (cbamitz@utah.gov)'"
<cbarnitz@utah.gov>

1 Attachment



232690-1.pdf

Joyce & Craig,

We had a positive hit on Wednesday, March 28, 2012. It was chrysotile, see the attached. Please let me know if you have any questions or concerns.

Thanks,

Mike Shepherd
Project Manager
Rocky Mountain Power - Major Projects
801.220.4584 Office
801.631.1310 Cell
801.220.2797 Fax
michael.shepherd@pacificorp.com



Reservoirs Environmental, Inc.

March 30, 2012

Laboratory Code: RES
Subcontract Number: NA
Laboratory Report: RES 232690-1
Project # / P.O. #: None Given
Project Description: 3rd West Sub - RMP

Eldon Romney
R & R Environmental
47 West 9000 South #2
Sandy UT 84070

Dear Customer,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 232690-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Jeanne Spencer Orr
President

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101896-0; TDH: #30-0015

TABLE I. TEM AIR FILTER SAMPLE DATA AND ANALYTICAL RESULTS

RES Job Number: RES 232690-1
 Client: R & R Environmental
 Client Project Number / P.O.: None Given
 Client Project Description: 3rd West Sub - RMP
 Date Samples Received: March 29, 2012
 Analysis Type: TEM, AHERA
 Turnaround: 24 Hour
 Date Samples Analyzed: March 30, 2012

Client ID Number	Lab ID Number	Area Analyzed (mm ²)	Air Volume Sampled (L)	Number of Asbestos Structures Detected	Analytical Sensitivity (s/cc)	Asbestos Concentration (s/cc)	Filter Loading (s/mm ²)
3W-032812 W	EM 874598	0.0900	932	1	0.0046	0.0046	11.1
3W-032812 N	EM 874599	0.0900	932	ND	0.0046	BAS	BAS
3W-032812 E	EM 874600	0.0900	932	ND	0.0046	BAS	BAS
3W-032812 S	EM 874601	0.0900	932	ND	0.0046	BAS	BAS

NA = Not Analyzed
 ND = None Detected
 BAS = Below Analytical Sensitivity
 Average Grid Opening in mm² = 0.010

Filter Material = Mixed Cellulose Ester
 Filter Diameter = 25 mm
 Effective Filter Area = 385 sq mm

Digitally signed
 by Elaine
 Effernan
 DN: CN = Elaine
 Effernan, C = US,
 O = Reservoirs
 Environmental,
 INC.,
 Date: 2012.03.30
 10:15:15 -0800

DATA QA

RESERVOIRS ENVIRONMENTAL, INC.

NVLAP Lab Code 101898-0; TDH: #30-0015

TABLE II. SUMMARY OF ANALYTICAL DATA

RES Job Number: RES 232690-1
 Client: R & R Environmental
 Client Project Number / P.O.: None Given
 Client Project Description: 3rd West Sub - RMP
 Date Samples Received: March 29, 2012
 Analysis Type: TEM, AHERA
 Turnaround: 24 Hour
 Date Samples Analyzed: March 30, 2012

Client ID Number	Lab ID Number	Asbestos Mineral	Asbestos Structure Types*				Structures >5 Microns in Length	**Excluded Structures	Asbestos Structures for Concentration
			Fibers	Bundles	Clusters	Matrices			
3W-032812 W	EM 874598	Chrysotile	0	1	0	0	0	0	1
3W-032812 N	EM 874599	ND	0	0	0	0	0	0	0
3W-032812 E	EM 874600	ND	0	0	0	0	0	0	0
3W-032812 S	EM 874601	ND	0	0	0	0	0	0	0

*See Analytical Procedure for definitions

**C = Excluded from total due to lack of confirmation

**L = Excluded from total for length less than 0.5 micron (AHERA only)

**A = Excluded from total due to incorrect aspect ratio

ND = None Detected

Due Date: 3-30-12
Due Time: 9:15

RES 232690



5801 Logan St. Denver, CO 80216 • Ph: 303 984-1988 • Fax 303-477-4275 • Toll Free :866 RESE-ENV

Pager: 303-509-2098

INVOICE TO: (IF DIFFERENT)

CONTACT INFORMATION:

Company: <u>RE Environmental</u>	Company:	Contact: <u>Dave Roskelley</u>	Contact:
Address: <u>47 W 9000 S #2</u>	Address:	Phone:	Phone:
<u>Sandy W. 84043</u>		Fax:	Fax:
		Cell/pager: <u>801 641-1035</u>	Cell/pager:
Project Number and/or P.O. #:	Final Deliverable Email Address: <u>dave@reenviro.com</u>		
Project Description/Location: <u>3rd West Slab - RMP</u>			

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm		REQUESTED ANALYSIS												VALID MATRIX CODES		LAB NOTES:					
PLM / PCM / TEM <u> </u> RUSH (Same Day) <u> </u> PRIORITY (Next Day) <u> </u> STANDARD (Rush PCM = 2hr, TEM = 6hr.)		PLM - Short report, Long report, Point Count	TEM - AHERA, Level II, 7402, ISO, +/-, Quant, Semi-quant, Micro-vac, ISO-Indirect Preps	PCM - 7400A, 7400B, OSHA	DUST - Total, Respirable	METALS - Analyte(s) RCRA 8, TCLP, Welding Fume, Metals Scan	ORGANICS - METH	Salmonella +/-	E.coli O157:H7 +/-	Listeria +/-	Aerobic Plate Count +/- or Quantification	E.coli +/- or Quantification	Coliforms +/- or Quantification	S.aureus +/- or Quantification	Y & M +/- or Quantification	Mold +/-, Identification, Quantification	SAMPLER'S INITIALS OR OTHER NOTES	Air = A	Built = B		
CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm																		Dust = D	Paint = P		
Metal(s) / Dust <u> </u> RUSH <u> </u> 24 hr. <u> </u> 3-5 Day																		Soil = S	Wipe = W		
RCRA 8 / Metals & Welding <u> </u> RUSH <u> </u> 5 day <u> </u> 10 day																		Swab = SW	F = Food		
Fume Scan / TCLP <u> </u> RUSH <u> </u> 5 day <u> </u> 10 day																		Drinking Water = DW	Waste Water = WW		
Organics <u> </u> 24 hr. <u> </u> 3 day <u> </u> 5 Day		O = Other																			
MICROBIOLOGY LABORATORY HOURS: Weekdays: 9am - 6pm																					
E.coli O157:H7, Coliforms, S.aureus <u> </u> 24 hr. <u> </u> 2 Day <u> </u> 3-5 Day																					
Salmonella, Usteria, E.coli, APC, Y & M <u> </u> 48 Hr. <u> </u> 3-5 Day																					
Mold <u> </u> RUSH <u> </u> 24 Hr <u> </u> 48 Hr <u> </u> 3 Day <u> </u> 5 Day																					
Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.																					
Special Instructions:																					
Client sample ID number (Sample ID's must be unique)																					
1	<u>3W-032812 W</u>		X																		
2	<u>3W-032812 N</u>																				
3	<u>3W-032812 E</u>																				
4	<u>3W-032812 S</u>																				
5																					
6																					
7																					
8																					
9																					
10																					

Number of samples received: 3 (Additional samples shall be listed on attached long form.)

NOTE: REI will analyze incoming samples based upon information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing client/company representative agrees that submission of the following samples for requested analysts as indicated on this Chain of Custody shall constitute an analytical services agreement with payment terms of NET 30 days, failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By: <u>Justin Fagan</u> Fed Ex		Date/Time: <u>3/28/12</u>		Sample Condition: On Ice Sealed Intact	
Laboratory Use Only				Temp. (F°) Yes / No Yes / No Yes / No	
Received By: <u>Don</u>		Date/Time: <u>3-29-12 9:15</u>		Carrier: <u>FedEx</u>	
Results:	Contact	Phone	Email	Fax	Date
	Contact	Phone	Email	Fax	Date